Federal Facilities Environmental Stewardship and Compliance Assistance Center

Environmental Program Management Tools for Federal Facilities

Environment, Energy Security & Sustainability Symposium & Exhibition

June 17, 2010

US Army Corps of Engineers

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http://www.fedcenter.gov/

Report Documentation Page

Form Approved
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
17 JUN 2010		**00-00-2010 to 00-00-2010**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
Environmental Program Management Tools for Federal Facilities	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **Army Engineer Research and Development Center,Construction Engineering Research Laboratory,Champaign,IL,61826-9005**	8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES
Presented at the NDIA Environment, Energy Security & Sustainability (E2S2) Symposium & Exhibition held 14-17 June 2010 in Denver, CO.

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a. REPORT	b. ABSTRACT	c. THIS PAGE			
unclassified	**unclassified**	**unclassified**	**Same as Report (SAR)**	**21**	

Topics

- Background / History
- FedCenter Management
- Program Management Tools & Resources
  - Information-based Tools
  - Collaboration Tools
  - Web/Database Tools
  - Subscription Services
- Membership 101
- Questions

What is FedCenter?

- FedCenter is a partnership between federal agencies pooling their resources and expertise to help meet their environmental compliance challenges
- FedCenter is an initiative of EPA's Federal Facilities Enforcement Office to provide compliance assistance to the federal sector to help agencies comply with the law and reduce enforcement actions
- FedCenter's mission is to help federal environmental managers better manage their environmental programs, meet their regulatory requirements, and help improve their environmental performance
- FedCenter provides environmental managers with a variety of program area guidance, regulatory compliance and environmental stewardship information, and compliance assistance tools

FedCenter Management

- Governed by multi-agency Advisory Board
  - 14 agencies currently represented (DHS, DOE, DOI, DOC, USACE, USDA, EPA, NASA, DVA, DHHS, TREAS, DOJ, State Dept. and OFEE)
  - Meets quarterly to discuss, prioritize and provide guidance on FedCenter matters
- Operated and managed by Army Corps of Engineers (CERL)
  - Extensive experience with environmental regulatory compliance issues and managing environmental information systems
- EPA coordinates effort
  - Facilitates Board meetings, agency funding efforts and contract/legal issues
  - Provides subject matter expertise
- Funding provided by various agencies
  - DHS, DOE, EPA, NASA, DVA, DHHS, TREAS, USPS, DOC, DOI, USACE, State Dept.
  - Interagency Agreement primary funding vehicle

***Pictured from top left**: Stephen Wallace (TREAS), Pete Wixted (DHS), Mike Green (NASA), Dave Kling (EPA)*
***From bottom left**: Ed Pfister (DHHS), Jack Staudt (DVA), Steve Luzzi (USACE – FedCenter Manager).*
***Not pictured**: Josh Silverman (DOE), Michelle Moore (OFEE), Janice Smith (State Dept.), Greg Falzetta (DOC), Catherine Broad (USDA), Kathleen Bartholomew (DOI), John Coho (USACE), Dawn Gunning (DOJ), Mike Shields (EPA Coordinator)*

Information-based Tools

Program Development

- Program Area Information
  - Summary of EOs 13423 & 13514 requirements
  - Regulations, guidance, and policy
  - Supporting information and tools available
  - Lessons learned
  - Training, briefing, and presentation aids
  - Conferences, workshops, and training opportunities

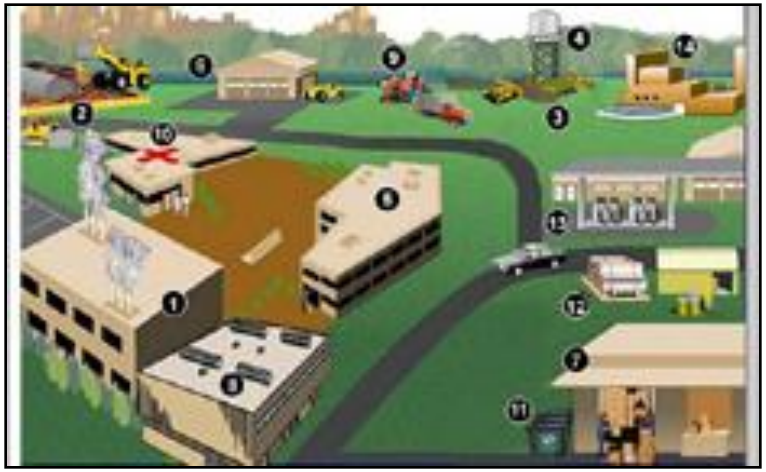
- My Community / My Facility
  - What is known about my facility?
  - Violations? Spills/Releases? Permits? Air emissions? Hazardous waste generated?
  - Recycling services available?
  - Endangered species in my area?
  - Where can I find waste storage & disposal facilities near me?

Information-based Tools

Regulatory Compliance

- Regulatory Watch
  - Tracks draft and final regulatory information
  - E-mail subscription service

- Facility Regulatory Tour
  - Summaries of federal and common state regulatory requirements
  - 14 activity areas, 85+ focus areas
  - P2 opportunities, green products, best practices



FedCenter

FedCenter Daily Newsletter for Saturday, May 1, 2010

Announcements

Home

Federal Greenhouse Gas Accounting and Reporting (Webcast) (04/30/2010)
REMINDER: Thursday, May 6, 1:30-3:00pm ET, Federal Greenhouse Gas Accounting and Reporting Webcast -- This seminar provides an update on new greenhouse gas (GHG) regulatory requirements and guidance, as well as strategies, models, and technology tools to measure GHG emissions. This is the fourth seminar in a series offered by the Federal Energy Management Program (FEMP).
New ENERGY STAR Product Certification Changes Q&A Webinar (04/30/2010)
Please join the Responsible Purchasing Network (RPN) on May 6, 3pm EDT, to discuss new ENERGY STAR requirements which impact tax credits and other incentives by the federal government and various states to encourage the use of ENERGY STAR products. ENERGY STAR

Articles

Regulatory Watch

Mandatory Reporting of GHG: Additional Sources of Fluorinated GHGs (04/12/2010)
Mandatory Reporting of GHG: Injection and Geologic Sequestration of Carbon Dioxide (04/12/2010)
Mandatory Reporting of GHGs: Petroleum and Natural Gas Systems (04/12/2010)
Mandatory Reporting of Greenhouse Gases GHG (04/12/2010)

Bookmarks

Acquisition

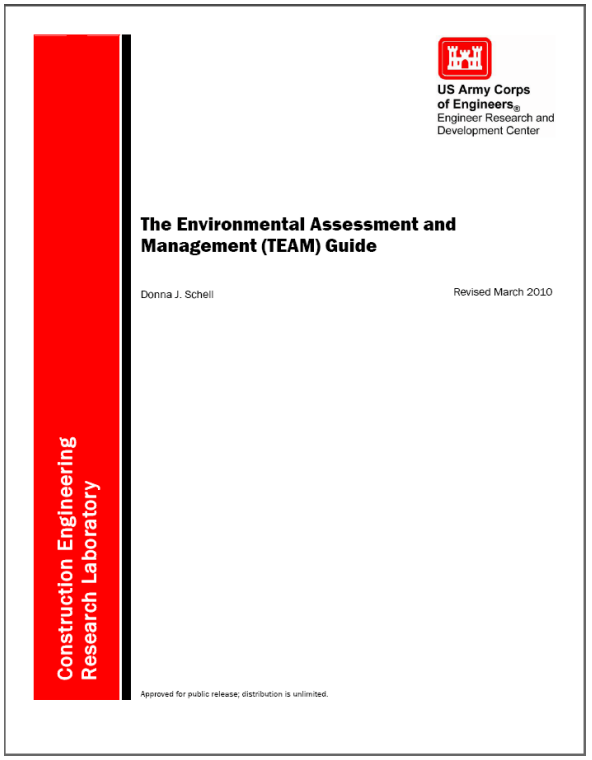
Green Purchasing Case Study: Multi-functional Devices (04/30/2010)
Case study of a governmental office in Illinois that lowered printing costs by 15% through the use of multi-functional devices (MFD).

Thanks for visiting FedCenter!

Information-based Tools

Regulatory Compliance

- TEAM Guides
  - U.S. TEAM Guides, State Supplements, and Agency Supplements
- OCONUS Compliance Assessment
  - DoD and DoD Component OCONUS Compliance Assistance Protocols
- Occupational Safety & Health (OSH) Guide
  - U.S. OSHGuide and Agency Supplements
- ListBuilder
  - A searchable database of Federal, State and Agency compliance assessment protocols.



Information-based Tools

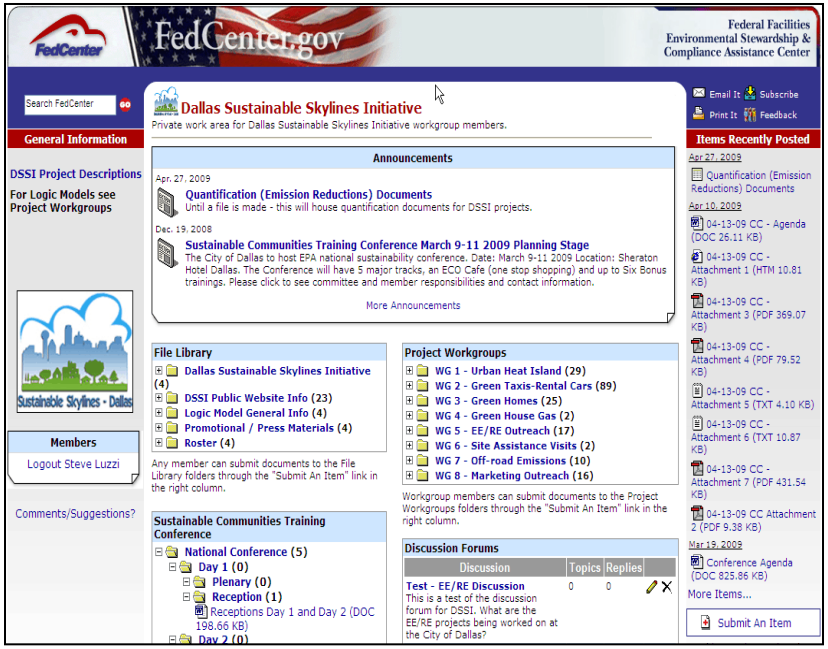
Regulatory Compliance

- Training – FedCenter Sponsored
  - Environmental Compliance for Federal Laboratories
  - Underground Storage Tanks Management
  - Environmental Management Systems
- Training – Federal/Non-Profit
  - 220+ courses across 25 topic areas
  - 60+ providers
- Expert Advice
  - Access to regulatory experts with 25+ years experience and current legislation knowledge

Collaboration Tools

"Green Team" Resources

- Private *workgroup areas*
  - Document storage w/version control and workflow, discussion forums, polls, calendars, blogs, wikis
  - Currently supporting 30+ clients including:
    - greengov Collaborative
    - Federal GHG Accounting WG
    - EPA R6 School Chemical Cleanout Military Partnership
    - Army Region 5 Sustainability Network
    - Fort Detrick Interagency Coordinating Committee/Environmental Compliance Subcommittee
    - Interagency Workgroup on Climate Change Impacts



- Private *listservs*
  - 15+ announcement & discussion lists

Collaboration Tools

"Green Team" Resources

Web / Database Tools

Environmental Reporting

- *FEDRPTS* reporting tool
  - Helping Federal Agencies manage their environmental inventories *and* comply with environmental reporting requirements
  - Recently used for EPACT and EMS reporting
    - 17 agencies participating (CIA, DHHS, DHS, DOC, DOE, DOI, DOJ, DOL, DOT, DVA, EPA, GSA, NASA, SI, Treasury, TVA, USDA)
  - Private, secure, available 24x7
  - Customizable, offered as fee-for-service to federal agencies

View/Edit/Create HQ EMS Data

Click here or scroll down for Basic Viewing and Editing Instructions

Project ID

HHS-HHS/CDC-Anchorage

Facility EMS Information	2007 EMS Scorecard Metrics	?	EMS Effectiveness - Benefit of EMS on the Facility	EMS Effectiveness - Benefit of EMS on Environment	2007 EMS Experiences Feedback
Environmental Aspects	?	D			Field History
Goals, Objectives and Targets	?	C			Field History
Operational Controls	?	B			Field History
Environmental Training	?	B			Field History
Contracts	?	A			Field History
EMS Audit/Evaluation Procedures	?	C			Field History
Last EMS Audit/Evaluation Date	?	09/18/2007			Field History
Management Review	?	D			Field History
Score	?	Yellow			

This project was last updated on 12/12/2007 at 1:16 PM by Eric Haukdal.

Edit Project Data | Project Security | Delete Project | Print Project | Project History

Web / Database Tools

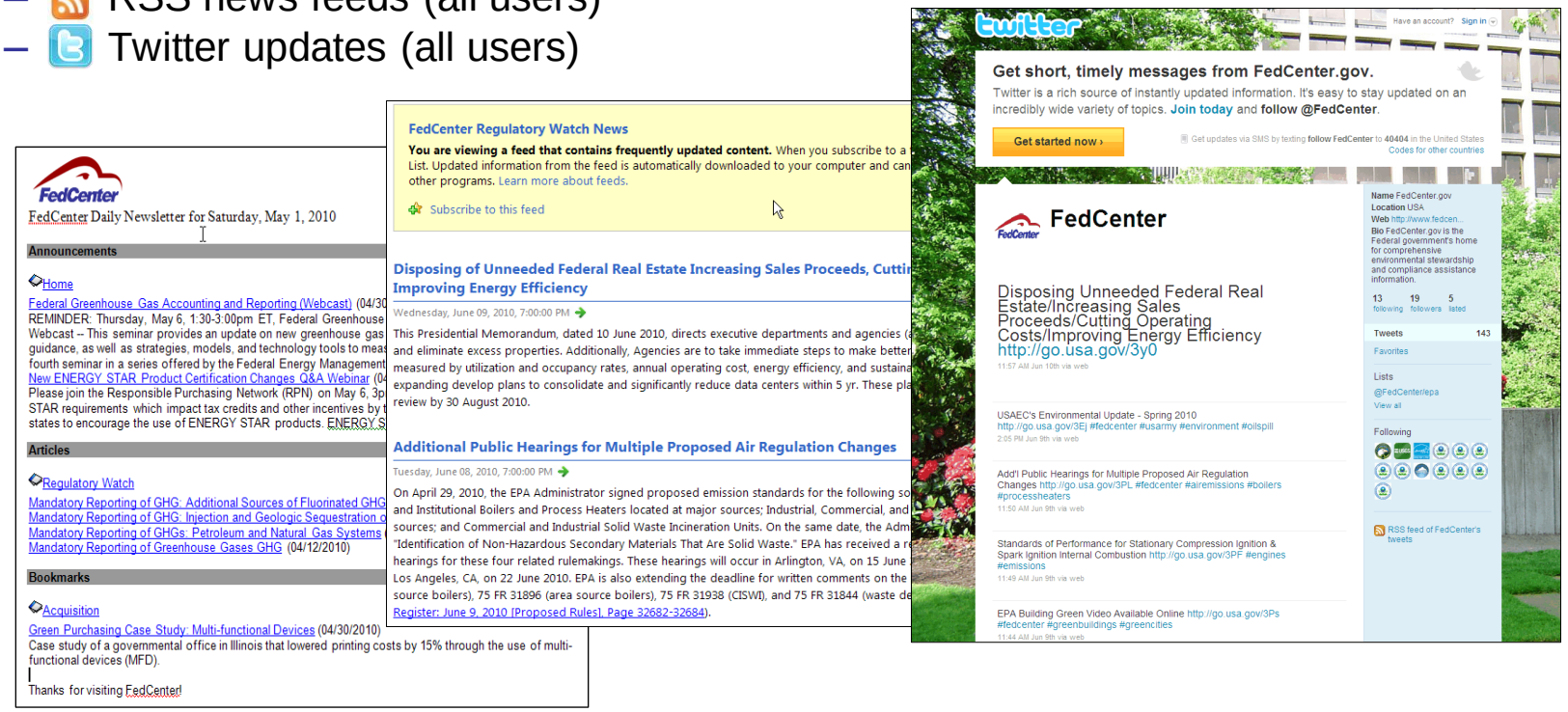
Web Services

- Registration services for training, workshops, meetings and conferences

- Conference website hosting

Subscription Services

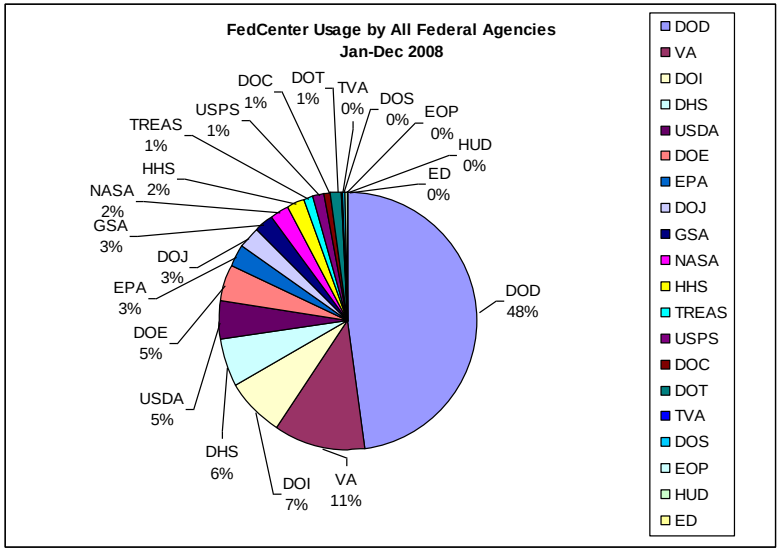
- FedCenter content updates
  - Daily/weekly/monthly customized newsletter for members
  - RSS news feeds (all users)
  - Twitter updates (all users)



- Listserv updates (i.e. GreenGov Collaborative/Leader, FedLabs Practitioners)

FedCenter Membership 101

- Membership Eligibility
  - Federal employees (active civilian and military) and their contractors/partners
  - Contractors/partners must be “sponsored” by a federal employee
- Membership Privileges
  - Access to federal-wide working groups (i.e. GreenGov Collaboration)
  - Access to agency-sponsored information (i.e. Team Guides)
  - Collaboration tools for private workgroups
  - Customized newsletter
  - “Fee-for-service” web/database tools
- Usage Summary
  - 850 visitors/day
  - 400,000 visits/yr
  - 8,000+ registered members
  - 30+ working groups



Questions?

- Home Page: http://www.fedcenter.gov/

- For additional information, contact:

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Information-based Tools & Resources

Program Development – EMS Guidance

Regulations, Guidance, and Policy

Executive Orders

Executive Order 13423
Strengthening Federal Environmental, Energy, and Transportation Management
24 January 2007
Executive Order 13423 "Strengthening Federal Environmental, Energy, and Transportation Management", signed by President Bush on January 24, 2007. The order sets goals in the areas of energy efficiency, acquisition, renewable energy, toxics reductions, recycling, renewable energy, sustainable buildings, electronics stewardship, fleets, and water conservation. In addition the order requires more widespread use of Environmental Management Systems as the framework in which to manage and continually improve these sustainable practices.

Executive Order 13514
Federal Leadership in Environmental, Energy, and Economic Performance
5 October 2009
This EO sets sustainability goals for Federal agencies and focuses on making improvements in their environmental, energy and economic performance. The Executive Order requires Federal agencies to set a 2020 greenhouse gas emissions reduction target within 90 days; increase energy efficiency; reduce fleet petroleum consumption; conserve water; reduce waste; support sustainable communities; and leverage Federal purchasing power to promote environmentally-responsible products and technologies.

Administration Guidance and Policies

Clarification of Declaration of Conformance Requirements in Instructions to Executive Order 13423 (DOC 48.13 KB)
This document, issued by OFEE, clarifies what is required in order to declare conformance with the EMS requirements of EO 13423.

Environmental Compliance Management Improvement Initiative, PMC Meeting Handout (DOC 73.73 KB)
This document, dated October 2004 describes what requirements must be followed if a facility/organization does not have an EMS.

Guidance on Implementing Environmental Management Systems "At All Appropriate Organizational Levels" of a Federal Agency pursuant to EO 13423 (PDF 120.84 KB)
This document, issued by the Office of the Federal Environmental Executiv (OFEE) in October of 2008, provides an explanation of approaches for the development and implementation of an EMS at a variety of level across the Federal community.

Federal Agency's Guidance and Policies

Department of Defense (DoD) Instruction 4715.17, Environmental Management Systems
This DOD Instruction 4715.17, issued 15 April 2009, establishes policy, assigns responsibilities, and prescribes procedures for achieving conformance with Environmental Management Systems (EMS).

Department of Energy (DOE) Order 450.1, Environmental Protection Program
This DOE Order details the implementation of EMS at DOE Facilities.

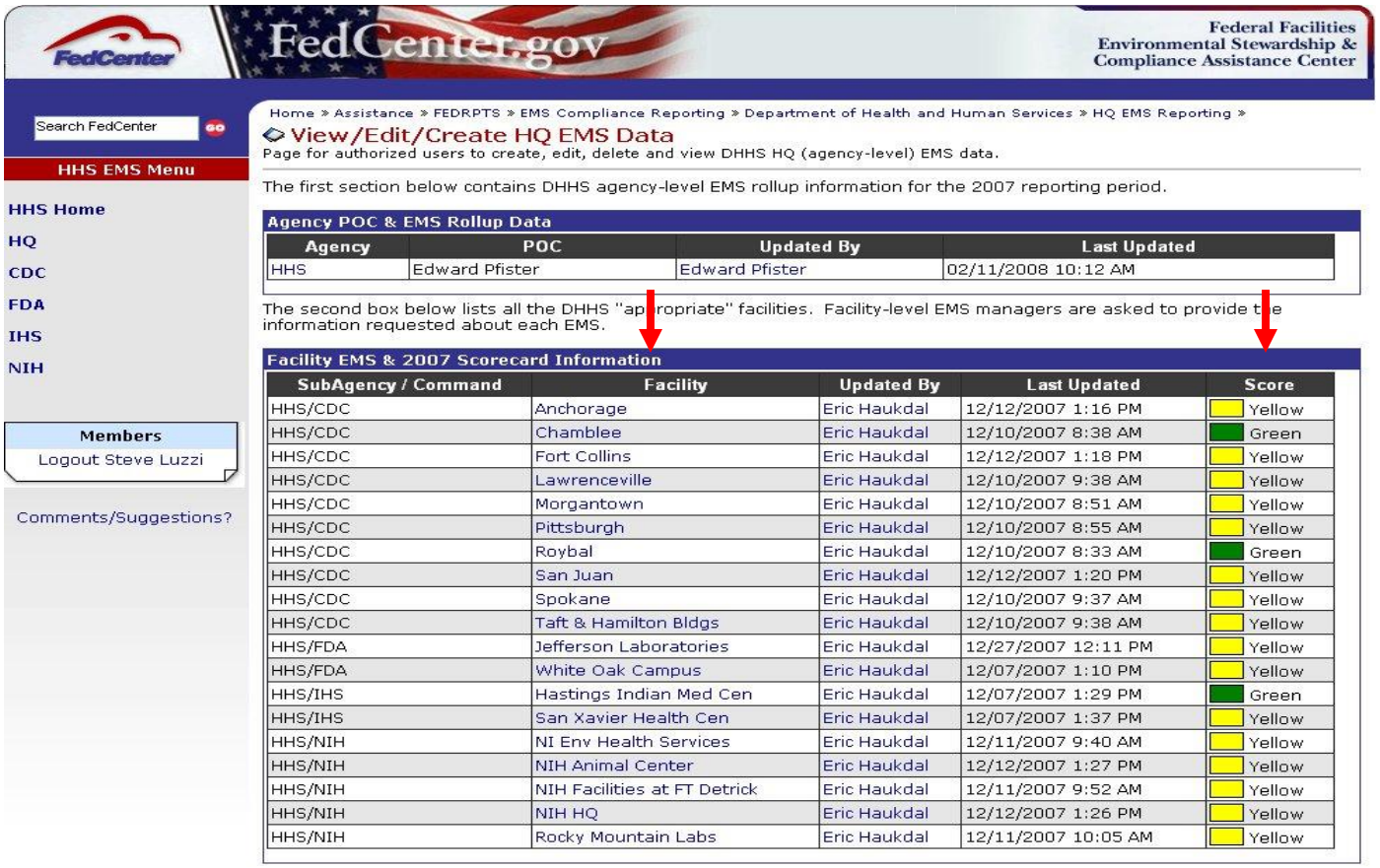
Information-based Tools & Resources

Program Development – EMS

Web / Database Tools

Environmental Reporting

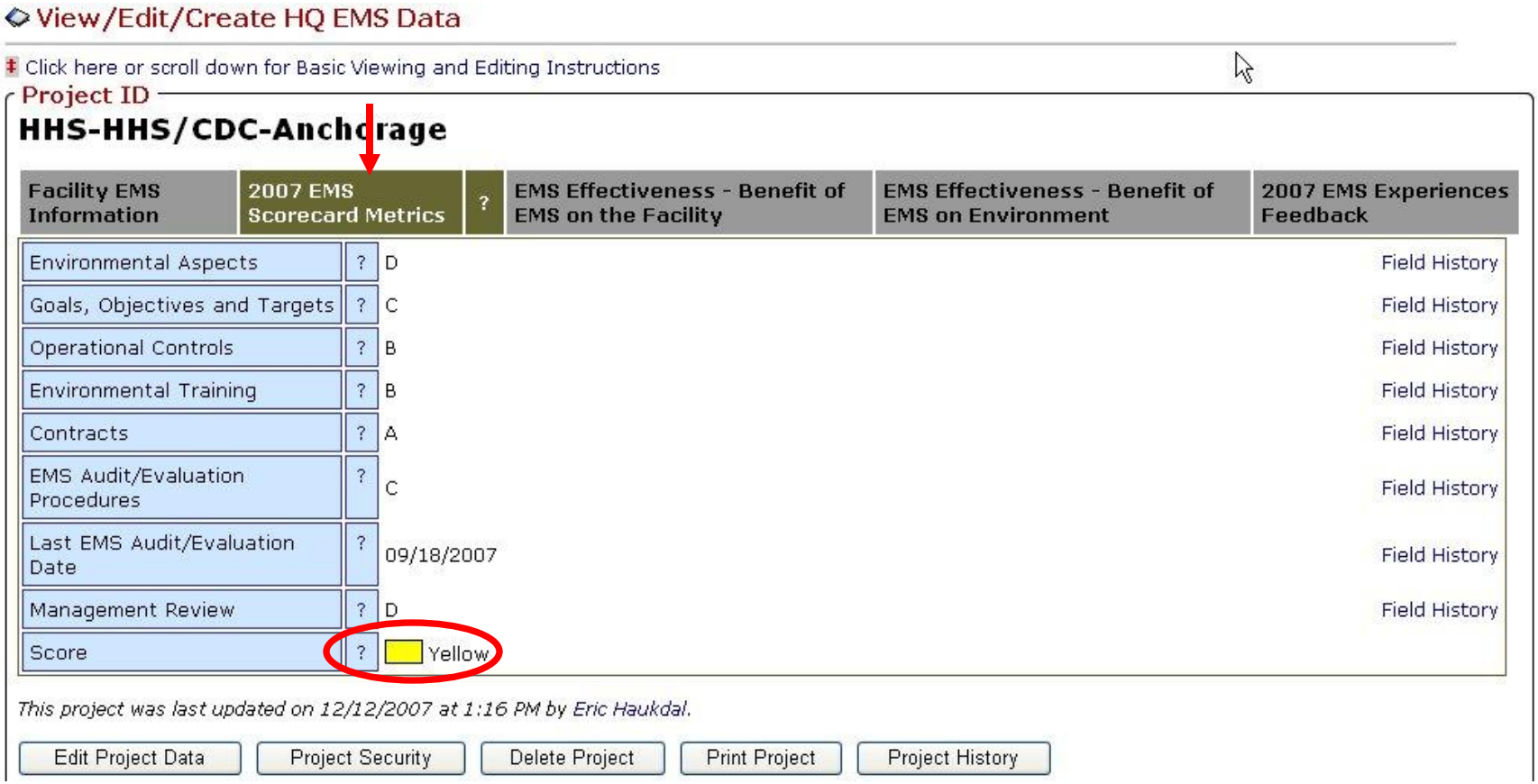
HQ Level Facility Summary



Web / Database Tools

Environmental Reporting

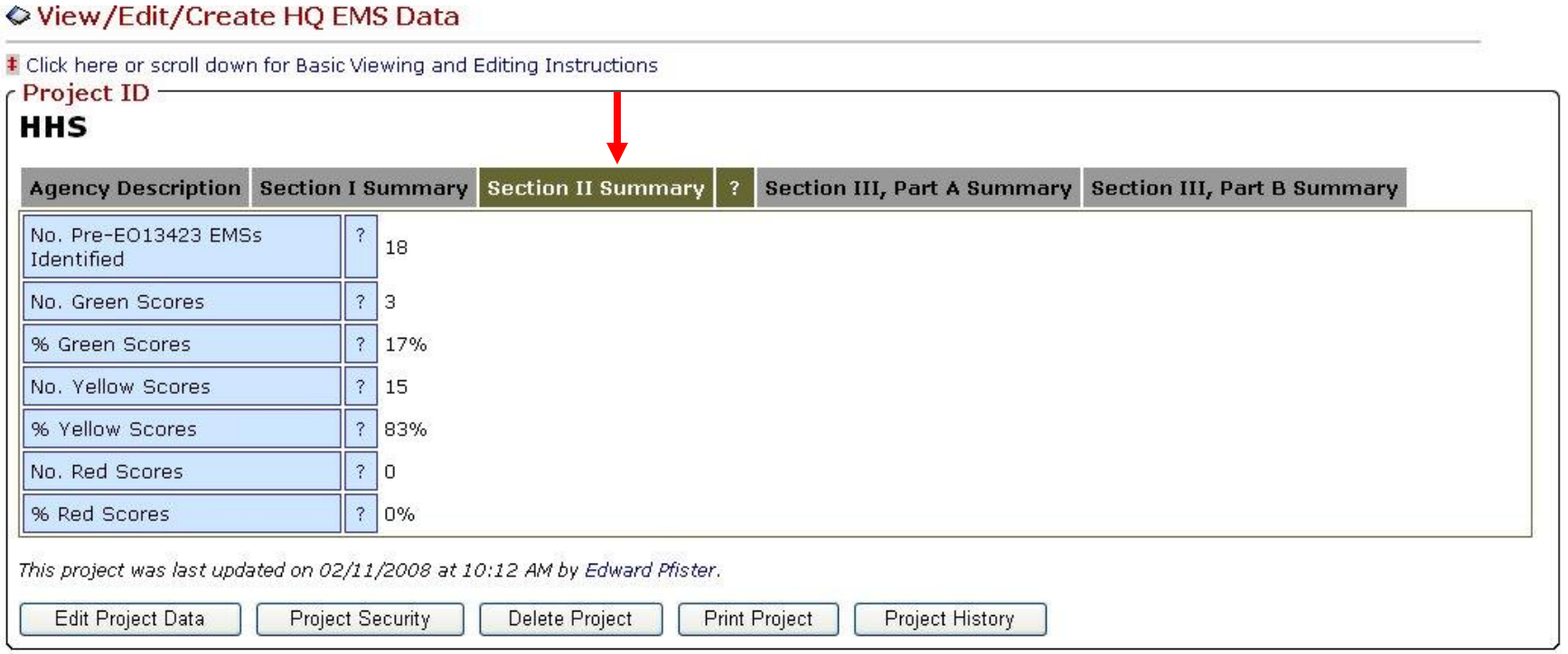
Facility Level Data View



Web / Database Tools

Environmental Reporting

Data Aggregation - HQ Level Rollup



Web / Database Tools

Environmental Reporting

Site Reports - HQ Level View

2007 Agency EMS Annual Report Rollup (HHS) - HHS

Agency Description	
Agency/Department	HHS
Agency Street Address	200 Independence Ave
Agency City	Washington
Agency State	DC
Agency Zip Code	20201
Agency POC	Edward Pfister
Agency POC Email	Edward.Pfister@hhs.gov

Section I Summary	
No. Appropriate Facilities	19
No. 1st Party Self-Declarations	0
No. 2nd Party Self-Declarations	7
No. 3rd Party Self-Declarations	0
Not Self Declared	12
Total	19

Section II Summary	
No. Pre-EO13423 EMSs Identified	18
No. Green Scores	3
% Green Scores	17%
No. Yellow Scores	15
% Yellow Scores	83%
No. Red Scores	0
% Red Scores	0%

Section III, Part A Summary	
Q1 - A great deal	0